

**AMENDMENTS TO THE CLAIMS**

1-31. **(Canceled)**

32. **(Previously presented)** A method of screening for an agent for inhibiting or reducing the proliferation or growth of lung cancer cells, comprising contacting lung cancer cells, which lung cancer cells are not squamous cell carcinoma cells, with an amount of an agent, wherein the agent is a small organic molecule, and determining, as compared to a control, whether the agent inhibits or attenuates hedgehog signaling and determining, as compared to a control, whether the agent inhibits or reduces cell proliferation or growth, wherein if the agent inhibits or attenuates the hedgehog signaling and inhibits or reduces cell proliferation or growth relative to the control, then an agent that inhibits or reduces the proliferation or growth of lung cancer cells is identified.

33. **(Previously presented)** The method of claim 32, wherein the lung cancer cells are in culture.

34. **(Previously presented)** The method of claim 32, wherein the lung cancer cells are in an animal.

35. **(Canceled)**